B. Amendment to the Specification

Please amend paragraph [0122] as follows:

When the apparatus comprises the reflecting plate or part of the decomposition reactor serves as the reflecting plate, reflecting surfaces for use herein include, for example, glass mirrors, metal plates and articles each comprising a lowly luster material or optically transparent material to the visible light covered by a metal foil such as aluminum ~~aluminium~~ foil or a deposited metal film formed by vapor deposition. Preferably, an underlayer is polished before vapor deposition or the reflecting surface is mirror-finished.

Please amend paragraph [0273] as follows:

The decomposition reactor 601 was placed at the center of the cylindrical reflecting mirror 600, and three pieces of the light irradiation device 106 were placed so as to surround the decomposition reactor 601 to constitute the decomposition apparatus. The reflecting mirror 600 had a mirror-finished inner surface and was made of aluminum ~~aluminium~~. The decomposition reactor 601 included the aeration means 107 at its bottom and was made of a 400-ml glass column. Preliminary determination of the wavelength of transmitted light of the glass revealed that the glass was optically opaque to ultraviolet rays in the range of wavelengths of less than or equal to 300 nm.

Please amend paragraph [0303] as follows:

The decomposition reactor 801 was placed at the center of the cylindrical reflecting mirror 600, and three pieces of the light irradiation device 106 were placed so as to surround the decomposition reactor 801. The reflecting mirror 600 had a mirror-finished inner surface and was made of aluminum ~~aluminium~~. The decomposition reactor 801 included the aeration means 107 at its bottom and was made of a 400-ml glass column. Preliminary determination of the wavelength of transmitted light of the glass revealed that the glass was optically opaque to ultraviolet rays in the range of wavelengths of less than or equal to 300 nm.

Please amend paragraph [0327] as follows:

The cylindrical reflecting mirror 900 made of aluminum ~~aluminium~~ and having a mirror-finished surface was placed so that the mirror-finished surface faced the decomposition reactor 901, and two pieces of the light irradiation means 106 were placed on the opposite side to the reflecting mirror 900 to constitute the decomposition apparatus. The decomposition reactor 901 included the aeration means 107 at its bottom and was made of a 400-ml glass column. Preliminary determination of the wavelength of transmitted light of the glass revealed that the glass was optically opaque to ultraviolet rays in the range of wavelengths of less than or equal to 300 nm.